

Sheltered Workshop Gives Opportunity To Those Who Like To Help Themselves

John D. is a native American citizen. A human being with the same emotions as others. His parents have grown 21 hard years older since the first agony of realizing that their new baby was severely mentally retarded.

Now his body has grown large, the body of a man. At 21 he is too old to be a pupil in the County supported education program at Emory Valley School for the Severely Mentally Retarded. Cast adrift, he might sink into helplessness and apathy—as family problems for his care increase enormously. The other members of the family must earn a living.

Emory Valley Sheltered Workshop came into being to rescue the John D's of this area. Contributions to the United Fund go a long way in helping to make the operation of the Workshop possible.

School To Expand

But this little building, modest and inadequate—and so important—must soon be torn down to make room for needed expansion of Emory Valley School for the children ages 6 to 21. And the number of people who desperately need the Workshop is growing.

However, the Board of the Emory Valley School of Anderson County has hopefully submitted a proposal to the State Department of Mental Health for funds to construct a new and better workshop. Land, located across the street from the present facility, has been donated by the City of Oak Ridge.

"The need for the new Workshop is extremely urgent," explains Jack Case, Chairman, Shel-

tered Workshop Committee, indicating that the Board is optimistic that the request might be granted.

Past School Age

Since it is for persons 21 and over, the Workshop must be financed completely independently of the County School System. Although Emory Valley School was recently consolidated with the Daniel Arthur Rehabilitation Center for administrative direction of educational programs, directing Boards and other services must remain autonomous. Since Emory Valley School was established in 1955—and the Workshop in 1965, the Board has worked to provide for its many needs—ranging from special equipment to consultant services. The United Fund has helped considerably.

The Workshop trainees are being helped every day. Workshop Director Arthur Ogden, a retired Y-12er, and Instructor Louise Phelps patiently teach the trainees the useful tasks they can learn. Present jobs include making gift-wrap bows, stuffing envelopes for the City, making waste-paper baskets and wall plaques, and bailing paper. Cash sales have amounted to some \$600 annually—making it possible for the trainees to earn the otherwise impossible satisfaction of receiving some pay—however small it may be.

Products On Display

Products made in the Workshop were on display in a show-window of the J. C. Penney Store, Downtown recently.

With expanded and improved

Continued on Page 4

Assembly Promotes Jim Pugh November 1



James R. Pugh

The Assembly Division announces the promotion of James R. Pugh, to Assembly Foreman, effective November 1.

Pugh, a native of Greenback, attended Hiwassee College and Tennessee Wesleyan College. He worked briefly with McDonnell Aircraft, St. Louis; and the Tennessee Farmer's Co-Op, Rockford, before coming to Y-12 November 30, 1959. He served in the U. S. Navy from 1955 until 1957.

The new foreman lives at Fairview, Route 10, Maryville. Mrs. Pugh is the former Thelma Huffstetler, and the couple has three children, Joseph, Todd Christopher, and Jama Sue.

Almost any participating sport finds Jim active . . . basketball, softball, sports car racing, and most recently golf. He has won two of Y-12's 1968 golf tournaments!

89 Per Cent Of 'Needed' Goal Is In Sight As Y-12 Drive Nearly Ended

Through October 21, Y-12 shows its United Fund goal almost within grasp. With 82 per cent of the plant reporting the goal is 89 per cent reached . . . or \$79,886.04 from a possible goal of \$91,000.

Second-guessing the computers, the United Fund folks in the plant expected Y-12ers to exceed their goal in this week's reports. A complete analysis of the drive will appear in next week's Bulletin.

Division by division, craft by craft, Y-12's United Fund drive comes out as of October 21, as follows:

Division	% Returned	Goal	Contribution	% Of Goal
Accounting and Budget	100	\$ 423.27	\$ 496.48	117.29
Assembly	100	1,501.37	1,283.32	86.14
Development	89	8,407.05	7,222.04	85.90
Engineering	67	9,940.83	6,811.24	68.51
Fabrication	89	7,206.34	6,485.70	89.99
Industrial Relations	100	1,481.07	1,214.76	82.01
Maintenance	99	6,918.10	7,448.68	107.66
Materials & Services	99	1,981.18	1,759.72	88.82
Metal Preparation	95	4,688.53	5,153.04	109.90
Production Scheduling	89	3,185.35	3,031.56	95.17
Product Engineering	100	2,042.19	1,910.56	93.55
Shift Superintendents and Utilities	90.54	2,717.82	2,553.84	*93.96
Superintendents	74.50	1,644.85	1,502.80	91.36
Technical	99.56	10,943.15	10,533.66	96.25

*Division includes Guard Local's figures also.

Local 3—Bricklayers	100	\$ 31.18	\$ 33.00	105.83
Local 33—Boilermakers	100	357.71	342.00	95.60
Local 50—Carpenters	78	378.81	275.00	72.59
Local 51				
Sheetmetal Workers	98	566.29	497.04	87.77
Local 52—Insulators	92	128.76	50.48	65.00
Local 166—Building Service Employees	84	1,536.35	1,397.40	90.95
Local 252				
Chemical Workers	71	3,272.19	2,611.52	79.80
Local 384—Iron Workers	93	289.71	158.00	54.53
Local 480—Machinists	67	12,134.93	8,904.48	54.71
Local 519—Teamsters	71	2,193.01	1,200.00	54.71
Local 623				
Restaurant Employees	93	112.37	133.68	118.96
Local 718—Pipefitters	89	1,939.93	1,716.72	88.49
Local 760—Electricians	84	3,023.17	3,155.52	104.37
Local 805—Painters	93	311.92	343.04	109.97
Local 900				
Operating Engineers	82	1,155.87	693.44	59.99
Local 3—Guards	83	748.82	647.52	*86.47
Criticality Studies	100	495.83	436.00	87.93
Long Range Planning	100	53.66	36.00	67.08

*Includes salaried employees in Guard Department.

The Electrical Workers join the other three crafts in exceeding their established goals. The Culinary Workers (Restaurant employees) Local 623, have more than done their 'part' in the United Fund drives for the past several years . . . and 1968 proves no exception. The Painters, Bricklayers and Culinary Workers last week welcomed the electricians to their vaulted positions.

This week's report will not be the final report. Cards are still outstanding on some employees.

Solicitors had hoped to have their reports all turned in by this past Monday.

Let's push Y-12's drive over the top again this year!

Harwell's Lang Guest At Physics Seminar

A special Physics Division seminar next Tuesday features George Lang, Atomic Energy Research Establishment, Harwell. His subject will be "Paramagnetic Mossbauer Spectra with Heme Proteins."

The seminar is set for next Tuesday, November 5, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

LDL's Moretto Is Physics Seminar Guest

The Physic Division seminar this week features Luciano G. Moretto, Lawrence Radiation Laboratory, Berkeley. He will speak on "Electron and Bremsstrahlung Induced Fission in Medium-Heavy and Heavy Nuclei."

The seminar is set for Thursday, October 31, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.



FOUR CRAFTS IN THE ATOMIC TRADES and Labor Council have exceeded their goal in the current United Fund Drive in Y-12! Congratulations to the Culinary Workers . . . Local 623; the Bricklayers, Local 3; the Electricians, Local 760 of the IEW . . . and Local 805 of the Painters. George Evans, co-chairman of the drive in Oak Ridge, recently called the solicitors above to congratulate them on their achievements. To Evans' left are H. S. McClellan, Restaurant Workers; Elmer Floyd, Bricklayers; H. F. Plyman, Painters; C. E. Robinson, president of the AT&LC, also co-chairman of the drive; and Sam Webster, Electrical. The Restaurant workers have exceeded their goal for many years in Y-12.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor



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Pumpkin Eater Is AAUW Film

Anne Bancroft stars in the second selection in the 1968-69 AAUW film series... 'The Pumpkin Eater.' This film will be shown Sunday, November 3, at 8 p.m. in the Oak Ridge High School Auditorium.

Miss Bancroft's talent is used to near perfection in this story of a woman who flounders through three marriages and eight children occupying herself with housekeeping and shopping and then is suddenly shocked by the discovery of her husband's infidelity. The actress surpasses her superb work in "The Graduate" and "The Miracle Worker."

Peter Finch, James Mason and Sir Cedric Hardwick play supporting roles. The film is directed by Jack Clayton of "Room at the Top" fame.

Season tickets will again be available for the remaining part of the series which includes "Zorba, the Greek," December 1; "The Golden Age of Comedy," February 2; "The Sleeping Car Murder," March 2. The American Association of University Women participates in the AAUW Fellowship Fund which provides assistance to women for graduate studies. Proceeds from these films go to this fund.



Ride wanted from North Purdue, Oak Ridge, to Central Portal, H. Shift. Barbara Cody, plant phone 3-7463, home phone Oak Ridge 482-3864.

Riders wanted from West Hills, Rocky Hill, Bearden, to any portal, straight day. Maxine Garrison, plant phone 3-5497, home phone Knoxville 588-5916.

Ride wanted from Claxton area, to Central Portal, straight day. Sharon Clapp, plant phone 3-5451.

Instrument Society Sets Regas Meet Next Week

The Oak Ridge section of the Instrument Society of America will hold its November meeting next Wednesday, November 6, in Knoxville.

Wives and/or girl friends (but not both) are cordially invited to this meeting. Regas Restaurant on Gay Street is the place and social hour and dinner will be enjoyed between 6 and 7:45 p.m. If preferred, come only to the regular portion of the meeting which begins at 7:45. The speakers will be W. B. Ditmore and Mrs. Rose G. Rollins of the William Patrick Ditmore and Company Investment Bankers. Their subject is

Honor Roll

Congratulations to the following departments and crafts who have exceeded their 1968 United Fund goal through the third week of the drive.

Accounting & Budget
Alpha Five Assembly Area
Development Operations
Machine Maintenance
General Machine Shop
General Weld Shop
General Metal Fabrication Shop
General Shop Job Liaison
Materials Specimen Shop
Rover Fabrication
H-2, F-Area Shops
Tool Grinding
Industrial Relations
Administration
Publications
Recreation
Cafeteria
Maintenance Administration
Salvage
Process Maintenance
Maintenance Division
Research Services
Garage
Electrical
Laundry
Area Five Maintenance
Plant Records
Materials & Services
Administration
Chemical Services
Special Services
Beta Two Forming
H-1 Foundry
9215 Rolling
Special Production Scheduling & Coordination
Critical Path & Regular Production Scheduling
Security
Superintendents
General Shop Inspection
Gage Certification Lab
Quality Assurance
General Expediting and Auxiliary Services
Benefit Plans
Cashier and Travel
Receiving
Material Control
Material Procurement
Fire Department
Technical Administration
Statistical Services
SS Material Control
Radiation Safety
Painters
Bricklayers
Restaurant Employees
Electricians

'Terradynamics' New AEC Film

The development of technology for penetration into the earth is the subject of a new motion picture now available from the Atomic Energy Commission here. The name of the film is "Terradynamics."

The color film, which runs for 21 minutes and is designed for professional audiences, describes the evolution, current technology and future applications of the earth penetration work being carried out at the AEC's Sandia Laboratories in Albuquerque, New Mexico.

The unique soil-motion studies conducted by Sandia in an attempt to explain what happens to soil during penetration, and Sandia's efforts to determine the nature and composition of sub-surface soils are also explored.

Such research is a spin-off of the Commission's program for underground nuclear weapons testing.

The film is available for free loan, except for return postage, from the AEC's Motion Picture Film Library.

"Money at Work in Family Financial Planning."

Ellison, Harvey, Plyman And West Retire Tomorrow After Long Careers

Four retirements mark 'finis' to long careers in Y-12 this week, as Charles W. Ellison, Research Services; Andrew J. Harvey, General Expediting and Auxiliary Services; Henry F. Plyman and William V. West, both of Buildings, Grounds and Maintenance Shops, retire this month.

Charles W. Ellison, a native of Saltville, Virginia, came to Y-12 November 17, 1943. He presently lives at Route 3, Concord... or in Hardin Valley, on his 130 acre farm.

Ellison worked as a pipefitter in Corbin from 1930 until 1938... and worked with Charles H. Barnes Company and J. F. Pritchard Co. until 1940 when he went with the Corbin Fire Department. In 1942 he began employment at the Government Ordnance Works there, and worked there until coming here in late 1943.

Mrs. Ellison is the former Clela Bustle, and the couple has a daughter Mary Lynn, and three sons, Ronnie, Donald and Aaron, all at home.

Served In Army

Ellison served briefly in the U.S. Army during World War II. He plans to keep busy on his farm where he has a 35-head herd of Hereford cattle.

Andrew J. Harvey was born in Rockwood, Tennessee, and still lives there at 428 North Chamberlain Avenue.

He came to Y-12 January 6, 1954, after working with the Roane Iron Company, Rockwood (1919 until 1921) and the W. E. Fulks Meat Market (from 1921 until 1923) and the Rockwood Stove Works from 1923 until 1954.

Has Son, 3 Daughters

Mrs. Harvey is the former Florence Morris, and the couple has a son and three daughters. Frederick lives in Valdosta, Georgia, and two of the daughters, Mable Thornton and Marion Rogers, live in Rockwood... the third daughter, Betty Burris, lives in Kingston. They also proudly boast 13 grandchildren. They are also extremely proud of a great-grandchild... presently on Guam.

For years woodworking has been a major hobby with the retiree and he plans to devote full time in his hobby shop in his home.

Plyman Alabamian

Henry F. Plyman was born near Reform, Alabama. He farmed there in the twenties and thirties and did road construction from 1937 until 1938. He returned to his Alabama farm in 1940 and did painting in Oak Ridge from 1944 until 1946. He came here August 24, 1946, first in K-25, transferring to Y-12 in 1950.

The Plymans live at Route 6, Ridgeview Drive, Clinton. Mrs. Plyman was the former Ruth McCall... and they have two sons, James R. Plyman, Calumet, Illinois; and Dennis, New York City. There are also two daughters Carolyn Kitchens, Springfield, Massachusetts; and Barbara Jean Gray, Kingston. They have five grandchildren.

Plan Extended Travel

Piddling at odds and ends will occupy most of the winter for Plyman, while he and his wife plan extensive traveling next year after winter breaks. Extended trips to Florida, Alabama and Indianapolis and Chicago are planned.

William V. West, Buildings, Grounds and Maintenance Shops, was born at Heiskel Station, and lives nearby at Route 2, Mehaffey Road, Powell.

From 1923 until 1930 West worked on the L&N Railroad out of Etowah. In the early 30's he was with the Tennessee Valley Authority at Norris, and worked



Charles W. Ellison



Andrew J. Harvey



Henry F. Plyman



William V. West

again with the L&N from 1940 until 1945. He worked with Stone and Webster and Roane-Anderson before coming to Y-12 June 17, 1954.

Mrs. West is the former Lela Mae Davis. They have a daughter Sandra Green, also of Powell; sons, Alfred B. (who works in Georgia) and William C. West, Jefferson City. They also have six grandchildren.

Car Fever Easily Cured At Credit Union

Watch the fever spread! It happens every year at this time when the dazzling, new car models are unveiled. It might be Dodge Fever, Ford Fever, Chevrolet Fever, but the victim is always the same... it's you, the consumer. This year, beat the fever... think it over while your head is still cool, and your temperature is normal.

A new car is the third largest expense of your lifetime, and if you trade it in every couple of years, it can be the second largest expense. Shop around for the best buy... don't buy the 'extra non-transportation' features like power steering and a radio unless you really need them... understand that your new car will depreciate at a yearly rate of 27 to 29 per cent... drive it, test it for quality... and DON'T settle for financing through the car dealer without seeing your credit union.

Write the dealer's figures down, and then compare them with the costs of financing through the Y-12 Credit Union. You can save from one-third to one-half the financing costs by dealing with your credit union. Make 1969 a non-fever year!

Angele And Less Attend Sanitary Engineers Meet

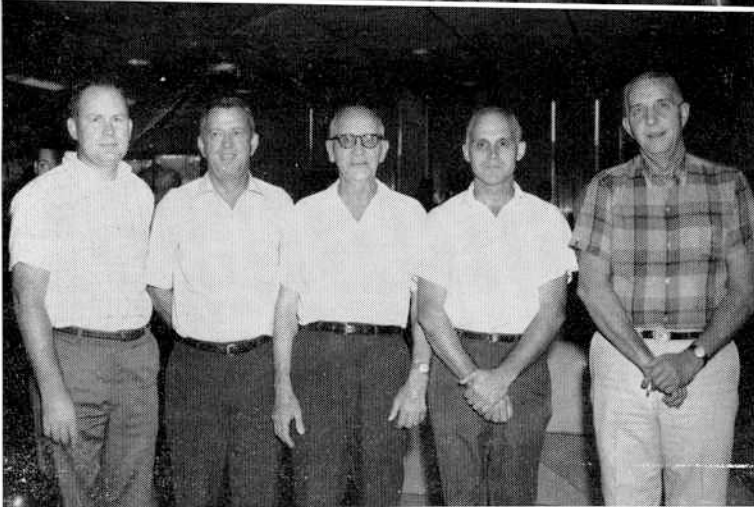
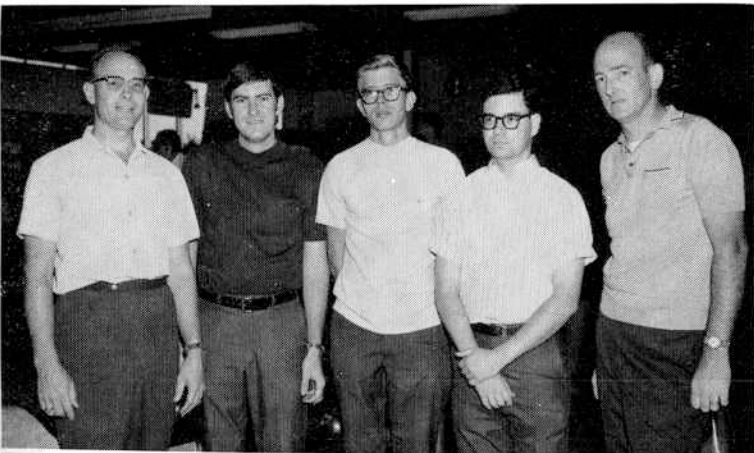
G. J. Angele Sr. and Wendell Less, Engineering Mechanics, recently returned from Phoenix, Arizona, where they attended the annual meeting of the American Society of Sanitary Engineers. While in Phoenix, Angele was appointed a member of the Cross Connection and Backflow Committee of the ASSE. At the present he is chairman of the same committee for the American Water Works Association and has been serving on this committee since 1959. He was appointed chairman of the AWWA committee in 1962. These committees are preparing standards for Backflow Preventers and for Cross Connection control.

NO SECOND TRIP

Woman, over bridge table: "I made a resolution the first of the year... never to repeat gossip. So, FOR HEAVEN'S SAKE... LISTEN AND GET IT RIGHT THE FIRST TIME!"

CLEAR CONSCIENCE

Too often a clear conscience is indicative only that the owner has a poor memory.



THE INVALIDS AND FIREBALLS constitute big competition in the C Bowling league every Monday . . . in the top photo are the Invalids, from left, Leo Brown, Doug Sparks, Charlie Anderson (Captain), Jim Rollins and Jim Cannon. In the lower picture are the Fireballs . . . D. L. Smith, Jim McLain, Herb Runge, Al Gladson and Vern Beckman.

Rollmasters, Big Five Locked In Tie For C Bowling League First Position

The big Rebels stay in first place in the Classic Bowling race, after a three-point win over the Tigers. The Markers fall into second with two other teams, as the Pinbusters busted them for three.

Other three-point wins went to the All Stars over the Has Beens, the Swingsters by the Eagles, the Rippers over the Screwballs, the Splinters past the Eightballs and the Pinbusters superior to the Markers.

The Cubs and Playboys shared two as did the Smelters and Bumpers. No team gained any sweeping wins last week.

Art Stewart, Smelters, rolled a 236 scratch game; Otis Rackley, Swingsters, marked a 258 handi-

cap single. Bill Ladd, Swingsters, scored a 594 scratch series, and Howard Shultz, Pinbusters, put a 663 handicap series down.

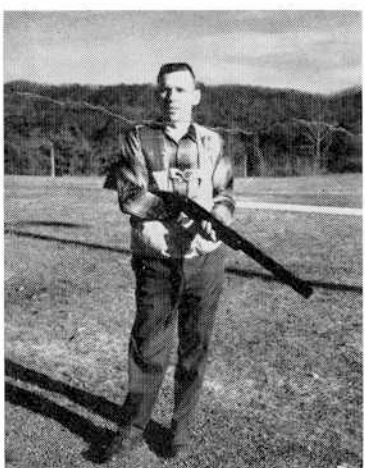
The Swingsters had best scratch singles . . . 924 . . . while the Markers marked in handicap singles with 1030. The Swingsters returned to the boards with series of 2670 and 2979.

League standings follow:

Team	W	L
Rebels	21	11
Markers	19	13
Bumpers	19	13
All Stars	19	13
Smelters	18	14
Swingsters	18	14
Has Beens	17	15
Eightballs	17	15
Eagles	16	16
Tigers	14	18
Playboys	14	18
Rippers	14	18
Screwballs	13	19
Splinters	13	19
Cubs	12	20
Pinbusters	12	20

Recruiting Brains Sometimes Goes Awry

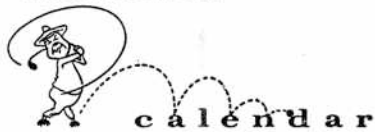
Whom would you hire? Careers, Inc. recently sent resumes of 41 famous and not-so-famous persons to 18 companies to see what kind of responses they would get. The resumes identified applicants only by number. One of the resumes was that of Albert Einstein. Only seven of the companies approached voiced any interest in him. Those rejecting the late genius cited his poor educational background as a reason for lack interest. On the other hand, 14 companies showed an interest in Rube Goldberg, the cartoonist. The recruiters did exceptionally well, however, in selecting resumes on technical and engineering talents.



LEON BRAY brought home bacon recently in the Skeet competition. Nailing down high scoring in the September competition, Bray is now under penalty so that other firers may have a chance to win. All Carbiders are welcomed at the once-a-month competition at the Oak Ridge Sportsmen's Association range.

**YOU HELP MORE
THE UNITED WAY**

Recreation



Monday, November 4

BOWLING: 5:45 p.m., Ark Lanes, C. League.

TABLE TENNIS: 7 p.m., Oak Ridge Wildcat's Den.

PHYSICAL FITNESS: (For Women) 7:30 p.m., Oak Ridge High School Girls' Gym.

Tuesday, November 5

PHYSICAL FITNESS: (For Men) 7:30 p.m., Oak Ridge High School Gym.

PISTOL LEAGUE: 6:15 p.m., Oak Ridge Sportsmen's Association.

Wednesday, November 6

BOWLING: 8 p.m. Mixed League, Ark Lanes.

22 CALIBER RIFLE LEAGUE: 7 p.m., Anderson County Gun Club.

Thursday, November 7

BOWLING: Classic League, 5:45 p.m., Ark Lanes.

Sunday, November 10

SKREET TOURNAMENT: 1 p.m. Oak Ridge Sportsmen's Association range.

COMING SOON!

BASKETBALL-VOLLEYBALL LEAGUES . . . Now Forming.

Y-12ers Fire 2nd 3rd In Skeeting

K-25's J. Allison capped first place in October Skeet shooting recently . . . as two Y-12ers placed second and third in the trap shooting.

Jack Case's 48.813 and Carl Brewsters' 48.723 were second and third scores. Allison scored a near-perfect 49.200.

A total of 20 gunmen showed up for the popular once-a-month tournament. All Carbiders are welcomed at the skeet affair. The next firing will be Sunday, November 10.

Firings begin at 1 p.m. at the Oak Ridge Sportmen's Association.

Just come, and they'll show you the rest.

October scores:

Firer	H'Cap Score
S. Moore, K-25	48.080
J. Allison, K-25	49.200
C. Theobald, K-25	47.600
W. Weathersby, Y-12	48.720
J. Comolander, Y-12	46.00
F. S. Patton, Y-12	47.411
Fred Weldare, X-10	50.000*
J. Case, Y-12	48.813
L. Bray, Y-12	48.878*
D. Fry, X-10	49.305*
T. Webber	49.589*
V. Raaen, K-25	47.120
W. Davy, K-25	47.846
C. Asmanes, Y-12	48.988
R. Allstun, Y-12	49.050*
B. Etheridge, Y-12	47.447
B. Searls, Y-12	48.560
P. Bullard, Y-12	48.400
C. Brewster, Y-12	48.723
B. Powers, Y-12	47.967

Spurling Fires 1st In Oklahoma Shoot

R. J. Spurling, Electrical, has done it again!

In recent firing in Oklahoma City, Spurling was declared number one in the national team matches there, sponsored by the Oklahoma City Gun Club. Spurling's scores were 98-3 in the 200 yard standing competition; 96-1 in the 200 rapid fire; 96-3 in the 300 yard rapid fire; 194-5 in the 600-yard prone firing; and 484-12 aggregate score.

Spurling's team also placed second. He fires on an all National Guard team.

On November 9, 10, 11 . . . the Y-12 high powered rifle ace will participate in the National Team Matches at Phoenix, Arizona.

LOAN OF A SMILE

When you see a man without a smile, loan him one of yours.



THE SWINGSTERS AND PLAYBOYS are two more big teams in the Classic Bowling League . . . atop are the Swingsters, from left, Captain George Cantrell, J. E. Morgan, Bill Ladd, Otis Rackley and C. R. Lively. In the lower photo are the Playboys, from left, Frank Adams, Ken Valentine, Paul Braden, Captain Dave Smith and Neal Dow.

Rebels Take Lead From Markers Downing Tigers In Classic Race

The Rollmasters and Big Five kept pace in the C Bowling League last week by blasting opponents for three points. The Rollmasters rolled past the Rounders; the Big Five by the Royal Flush.

Winning four were the HiLifers past the Jokers Five, and the Fireballs over the Parbusters. Also winning three were the Badgers by the Invalids and the Sunflowers superior to the Instrument Engineers.

Bill Ladd, Rollmasters, rolled high scratch scores of the night . . . singles of 241, series of 636. Leo Brown, Invalids, put a 252 handicap single down and Norm Jarvis, Big Five, rolled a 660 han-

dicap series.

The Big Five were best on singles . . . scratch 908, handicap 1027. Their 2586 scratch series was high also. The Rollmasters rolled high handicap series with 2960.

Team	W	L
Rollmasters	20	8
Big Five	20	8
Royal Flush	18	10
HiLifers	18	10
Badgers	15	13
Rounders	14	14
Parbusters	12	16
Invalids	12	16
Jokers Five	11	17
Sunflowers	10½	17½
Fireballs	9½	18½
Instrument Engineers	8	20

Alley Cats Keep Mixed Alley Lead

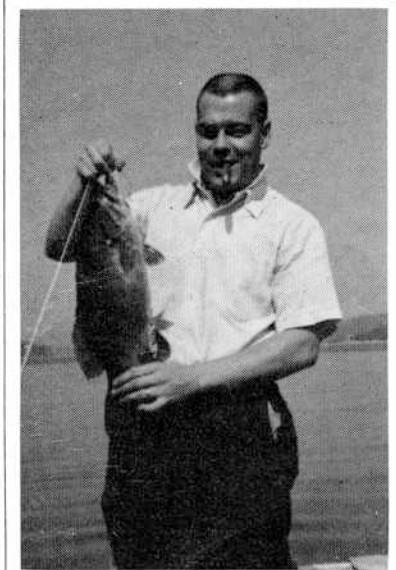
The Alley Cats stay atop the standings in the Mixed Bowling League after last week's action. Taking three were the Mustangs over the Goofers, the McSprays over the Roses 'N Thorns, and the Twisters over the Rollers.

The Alley Cats and Hits & Misses shared two.

Helen Ellison, McSprays, rolled a 177 scratch single . . . Donna Ferguson, Twisters, took a 226 handicap single. Helen's series of 482 scratch, 614 handicap was high. Bob Hagood, Goofers, gained men's honors all the way . . . singles of 198, 221 . . . series of 561, 630.

The McSprays swept team highs . . . singles of 641 scratch, 807 handicap . . . series of 1857, 2355.

Team	W	L
Alley Cats	23½	8½
Goofers	21	11
Mustangs	20	12
Hits & Misses	15½	16½
Roses 'N Thorns	15	17
McSprays	12	20
Twisters	11	21
Rollers	10	22



J. M. JONES, 9215 Rolling Mill, took this whopper of a smallmouth bass in the Crappie Only Rodeo held recently by the E, F, G, H and J Folks. Although he couldn't enter it in the Crappie Contest, he did have Y-12 Fishing Rodeo entries along, and entered the lunger in both contests (the seasonal and annual ones). The weight, of course, is a big secret.



DON'T DEPEND ON A SMALL CHILD to be guardian for an even smaller child, says the National Safety Council. Falls injure more babies than any other type accidents . . . and parents who leave their small children alone or in the care of other small ones are inviting trouble.

Don't Let Baby Become 'Fall' Guy To Accident

Perhaps as many as 1,750,000 babies under one year old will injure themselves in a fall from an elevated place at least once next year, according to results of a recent study financed by a grant from the National Safety Council.

Dr. Harvey Kravitz, a pediatrician, discovered in his research that infants tumble from high places much more often than has been thought. Of the 536 infants he studied, 255, or 47.5%, fell from a high place such as an adult bed, a crib, or an infant dressing table before age one.

According to Kravitz, injuries from these falls are serious business for infants because most babies fall head first. When a baby is very young, his brain is growing rapidly, his skull has a thinner wall than at any other time of life, and damage to his head at this early developmental stage may interfere with all later learning.

What can a mother do then to see to it that her baby does not become a "fall guy"?

Babies Become Active

Mothers should be prepared for their babies to become quite physically active at five months of age. At this time, babies begin to roll over, sit up, and even stand after having been placed lying to a standing position by holding down. They can pull themselves on to something. Trouble starts because parents are not ready for this new activity. In the study, Kravitz and his associates learned that 221 infants or 87% of those who fell, were at least five months of age.

Baby falls would decline if manufacturers and mothers would see to it that baby furniture was designed to handle the increasingly active infants. In the study,

82 babies, 32% of those who fell, tumbled from infant furniture. The most common preventable accident, which accounted for 35 out of 51 falls from baby furniture, occurred when a baby climbed out of a crib even though the sides were up.

Redesign Cribs

The researchers suggest that cribs be built so that the mattress can be lowered closer to the floor and the sides raised higher. Mothers can babyproof cribs already on the market by covering the top of the crib with netting as many hospitals do. Mothers should also keep large toys or boxes out of the crib. A baby can stand on them and get a head start over the crib railing.

Dr. Kravitz believes that manufacturers could also fall-proof infant dressing tables by making the table surface concave or surrounding it with sides. In the study, these infant tables were involved in 27 falls.

In addition, when mothers reach down to get something from a drawer while the baby is perched on top of an infant table, they should keep one hand firmly planted on the child. Kravitz suggests, "If the doorbell rings while you are dressing your baby, and you must leave the room, strap the baby on the dressing table. Better yet, take him with you."

Don't Leave Baby

Researchers found, however, that most falls in their study involved mothers who made errors in judgment. "Never, never leave a baby alone unless you are sure that he cannot hurt himself," says Kravitz. "Don't trust your baby to keep still for even a few seconds, and don't trust him to the care of a little brother or sister. Remember that a baby lying calmly on the middle of your



October passes . . . and the eleventh month begins, as the year fades. More Y-12ers cross important thresholds, observing special anniversaries with Union Carbide Corporation. Congratulations.

25 YEARS

James R. Barber, Guard Department, October 31.

Thomas M. Andress, Engineering Mechanics, November 1.

John S. Hembree, Buildings, Grounds and Maintenance Shops, November 1.

Billy D. Hicks, Fire Department, November 1.

U. G. Riddle, Buildings, Grounds and Maintenance Shops, November 1.

Charles M. West, Radiation Safety, November 1.

Robert T. Huffman, Buildings, Grounds and Maintenance Shops, November 2.

Leroy V. Thornton, Alpha Five Processing, November 2.

Helen F. Sisson, Buildings, Grounds and Maintenance Shops, November 4.

Jack D. McLendon, Technical Administration, November 5.

Eustace J. Rodgers, Laundry, November 5.

Edith A. Stott, Laundry, November 5.

15 YEARS

Allen S. Howell, Utilities Administration, October 30.

Arthur C. Bailey, General Weld Shop, November 2.

Wilmot O. Davis, Gage Certification Laboratory, November 2.

Charles L. Hays, Research Services, November 2.

Hubert G. Jenkins, General Field Shops, November 2.

Leroy R. Marlar, General Machine Shop, November 2.

Gene A. Ware, Beta Four Heavy Machine Shop, November 2.

R. D. Hayes, Dimensional Inspection, November 4.

Charles L. Myers, A-2 Shops, 9212, November 4.

Vernon Gamble, Alpha Five Machine Shop, November 5.

10 YEARS

Orville K. Bush, Area Five Maintenance, November 5.

bed can wriggle to the end and fall off in a shorter time than it takes for you to answer the phone. A baby happily playing in an infant seat can rock to the edge of the table and fall off long before you have time to give your order to the milkman."

Mothers should also be careful that concern for daily duties does not make them forget their babies. The study showed that falls increased between 10 a.m. and noon and between three and five p.m. These falls may be related to an increase in activity among hungry infants. Busy mothers, who are preparing food for themselves or others at these times, may be less attentive to the danger of their child falling.

EXCESSIVE SPEED

According to the National Safety Council, excessive speed continues to reign supreme as the number one cause of highway deaths. Speed was involved in 39 per cent of highway deaths last year.

WHERE'S THE SEVIN?

Between three and 10 million kinds of insects live on our planet; and 8,000 new species are named annually.



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NDT Meeting Is November 12

The American Society for Non-destructive Testing will hold its November meeting Tuesday, November 12, at the Alexander Motor Inn, Oak Ridge. A social hour kicks off the meeting at 6:30, with dinner at 7 and the meeting at 8 p.m.

Featured speaker will be John Aman, from Du Pont, Wilmington, Delaware. He holds a BS degree in chemical engineering from Lehigh University. He was a supervisor in training at the Du Pont's Photo Plant, Parling, New Jersey from 1956 until 1957, and was sales trainee and acting specialist X-Ray Technical Service at Parling in 1958. In November 1958 he was transferred to Los Angeles as Combination Medical and Industrial X-Ray Production Technical Representative. He spent nine years in the greater Los Angeles area and was industrial X-Ray specialist for the Western District in 1964.

Aman was secretary of the Los Angeles section of the ASNT, having served three previous years as chairman of the employment committee, treasurer, and assistant secretary. He served the education committee as course chairman in Course #102, Fundamentals of Industrial Radiography, for the Los Angeles-ASNT Fall and Spring seminars.

Support your local section of ASNT . . . plan now to attend November's meeting and bring a friend.

Wilderness Meet Tonight In Ridge

The annual meeting of the Tennessee Citizens for Wilderness Planning is set tonight, Wednesday, October 30, in Oak Ridge. The meeting opens at 7:30 p.m. in the large conference room of the Regional Science Experience Center, Dennison Building, Oak Ridge Turnpike near the Jefferson tennis courts.

In addition to the annual reports, survey of future action and business meeting there will be two sound movies, "Wilderness Alps of Stehekin" and "Great Swamp, New Jersey," which have been described as "outstanding." The area has been described as outranking in its scenic, recreational and wildlife values, any existing park and any other possibility for such a park within the United States. It is an area of meadows, waterfalls, lakes and great virgin forests. The film probes the meaning of wilderness experience, vital to mankind's spiritual wellbeing. The second film is centered around a 4500-acre area in New Jersey only 40 miles from downtown Manhattan, yet essentially a wild region situated on the Atlantic coast flyway travelled by many species of waterfowl. Its existence has been threatened many times, most recently by a N.Y. Port Authority proposal for filling it in order to build an airport. The film was made as part of a campaign to have this area of outstanding natural endowments preserved.

Sheltered Workshop

Continued from Page 1
facilities the Workshop can broaden the program with industrial firms and City and County governments to help provide a meaningful existence for these otherwise forgotten citizens.

For them to be able to continue to live with their families in their own homes is not only the most desirable solution for the people involved, but an economic advantage to taxpayers. "It is our understanding," said Russell Leed, Chairman of the Board of Emory Valley School, "that it costs the State \$3500 a year for each person who must be institutionalized at Green Valley Hospital and School for the Severely Mentally Retarded."

Proposal Submitted

Leed commented that the comprehensive proposal for the new Workshop submitted to Dr. Cohen, Director of Mental Retardation Services for Tennessee, carefully details plans for a facility which will give optimum service. It gives information on the history of the Workshop and explains the need for it in supporting recommendations of highly qualified people such as Z. H. Brody of the Daniel Arthur Center, and Mrs. Sarah Ketron of the Oak Ridge Schools. Specialists have determined the construction details, equipment needs, administrative plans, budget recommendations, mode of operation, and feasibility of cooperation with related facilities.

All Board members participated in gathering necessary information, Leed indicated, with H. E. Trammell as coordinator. Mrs. David Hobson composed the final draft and Ruth Lassiter contributed typing of the detailed document. Howard Junkins completed the preparation of the proposal.

UF Dollars Help

Waiting for the decision of State officials is suspenseful indeed, commented Leed, who added, "One look into that Workshop would jar anyone into realizing the enormous necessity for the new facility—it's also a demonstration of how United Fund dollars are helping to fill a vital need."

Board member R. P. Jernigan of the Anderson County Court from Norris, is following the proposal with State and Federal authorities. On Monday he took Dr. Cohen to the Workshop to show him what is being done — and what is needed.

SAFETY SCOREBOARD

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